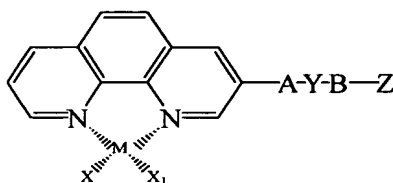
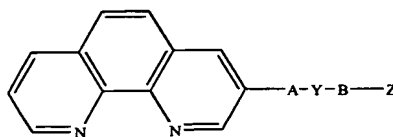


Serial No.: 08/648,270
Filed: May 15, 1996

Please add the following new claims:

Sub E1
C1
--26. A compound represented by one of the formulae:



wherein

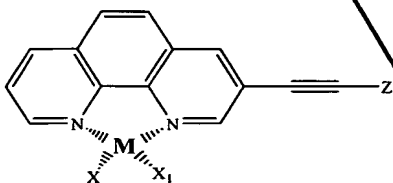
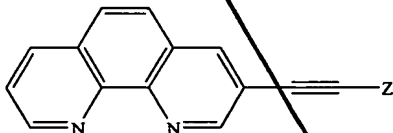
M is a transition metal ion;

A and B are selected from carbon or nitrogen, Y is a bond, and the $A-Y-B$ moiety is selected from the group consisting of acetylene, alkene, azo or imine;

X and X_1 are co-ligands and wherein at least one of X and X_1 is present; and

Z is selected from the group consisting of alkyl, substituted alkyl, aromatic group and substituted aromatic group.

27. A compound represented by one of the formulae:



wherein

RECEIVED
JUN 15 1996
413 107 4-10963

Serial No.: 08/648,270
Filed: May 15, 1996

M is a transition metal ion;

X and X₁ are co-ligands and wherein at least one of X and X₁ is present; and

Z is selected from the group consisting of alkyl, substituted alkyl, aromatic group and substituted aromatic group.

28. A compound according to claim 26 or 27 wherein said substituted aromatic group is a biological moiety selected from the group consisting of nucleoside, nucleotide, nucleic acid, phosphoramidite nucleoside, amino acid, protein, carbohydrates and lipids.

29. A compound according to claim 28 wherein said biological moiety is a nucleoside.

30. A compound according to claim 29 wherein the acetylene bond of said compound is attached to the base of said nucleoside.

31. A compound according to claim 30 wherein said base is selected from the group consisting of adenine, guanine, thymine, cytosine and uracil.

32. A compound according to claim 28 wherein said biological moiety is a nucleotide.

33. A compound according to claim 32 wherein the acetylene bond of said compound is attached to the base of said nucleotide.

34. A compound according to claim 33 wherein said base is selected from the group consisting of adenine, guanine, thymine, cytosine and uracil.

35. A compound according to claim 28 wherein said biological moiety is a nucleic acid.

36. A compound according to claim 35 wherein the acetylene bond of said compound is attached to a base of a nucleotide of said nucleic acid.